Recombinant human Olfactomedin-4/OLFM4 Protein

RPCB1525

Product Information

Product SKU:	RPCB1525	**Gene ID**:	10562	**Size**:	10µg
Tag:	C-6His	**Reactivity**:	human		

Additional Information

Expression Host:	HEK293 cells	**Swissprot:**	Q6UX06
Purity:	-		

Protein Information

Background: Olfactomedin-4 (OLFM4), previously called GC-1 (G-CSF stimulated clone-1) is an secreted glycoprotein that is a member of the Olfactomedin/Noelin family of protein . It is expressed in epithelial cells of the prostate, small intestine, colon, bone marrow, and in several cancers , and is up-regulated in epithelial cells during inflammation . Mature OLFM4 is a 490 amino acid (aa) protein that is secreted mainly in a polymeric form which is held together by disulfide bonds and carbohydrate interactions . Mature human OLFM4 shares 71% aa sequence identity with mature mouse and rat OLFM4. Olfactomedin-4 (OLFM4) interacts with cell surface lectins and cadherins, which helps cell adhesion and cell spreading of NIH3T3 and 293T/17 cells . OLFM4 plays a critical role in regulating progression of prostate cancer and is also novel biomarker for triple-negative breast cancer .

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant human Olfactomedin-4/OLFM4 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: <1EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

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